

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

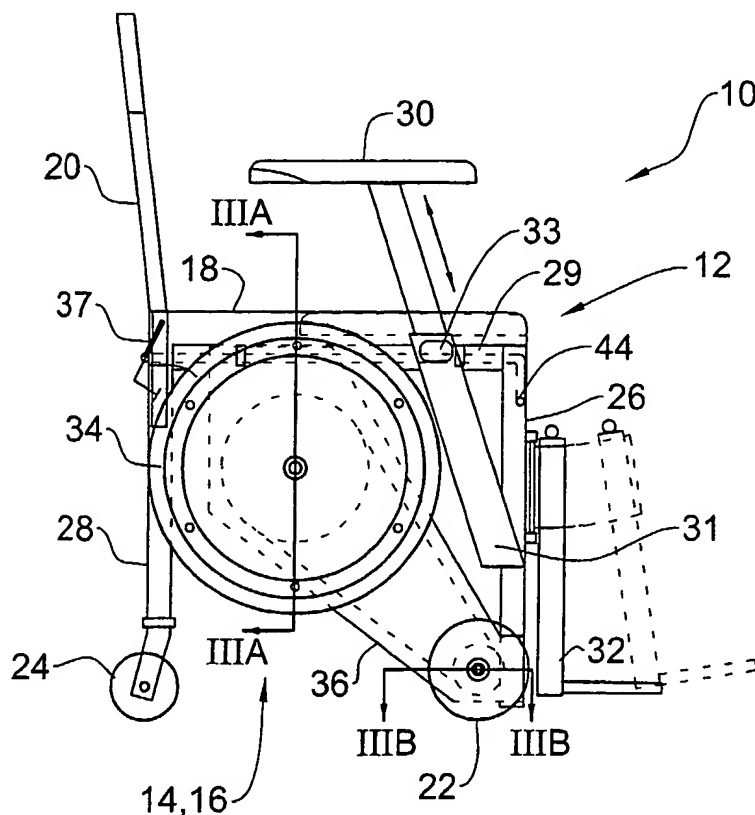
PCT

(10) International Publication Number
WO 2005/011553 A3

- (51) International Patent Classification⁷: **B62M 1/14** (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/IL2004/000716
- (22) International Filing Date: 4 August 2004 (04.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/491,976 4 August 2003 (04.08.2003) US
- (71) Applicant (*for all designated States except US*): **POENTA LTD.** [IL/IL]; 5 Hayetzira Street, Kiryat - Arie, 49130 Petah-Tikva (IL).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **ILAN, Benjamin** [IL/IL]; 15 Tabenkin Street, 52302 Ramat Gan (IL).
- (74) Agent: **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: INDOOR WHEELCHAIR



(57) Abstract: An indoor wheelchair comprising a carriage with a seat having left, right, front and back edges, a backrest, four carrying wheels and supporting members connecting the seat to the carrying wheels; a left and a right driving mechanisms mounted to the carriage, each driving mechanism including a manual driving wheel and a transmission connecting the manual driving wheel to one of the respective left and right carrying wheels. The wheelchair is characterized in that it is free of elements occupying the space under the seat between the innermost surfaces of the driving mechanisms and between the rear carrying wheels so that the wheelchair can be rolled over a common toilet bowl in backward motion, while the overall width of the wheelchair as defined between the outermost surfaces of the driving mechanisms allows passing of the wheel chair through a common bathroom door.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:
18 August 2005